

For Research Use Only

TNKS Polyclonal antibody

Catalog Number: 18030-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

18030-1-AP

Size:

150ul, Concentration: 600 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12597

GenBank Accession Number:

BC098394

GeneID (NCBI):

8658

UNIPROT ID:

O95271

Full Name:

tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase

Calculated MW:

1327 aa, 142 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:10-1:100

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, Jurkat cells, MCF-7 cells

IP : Jurkat cells,

IHC : mouse testis tissue, human colon cancer tissue

IF : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Zhifei Ma	32393760	Cell Death Dis	WB,IHC
Yanmei Ma	34457043	Oncol Lett	IHC, WB, IF
Weijun Wu	38272222	J Biol Chem	

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

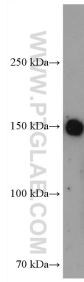
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

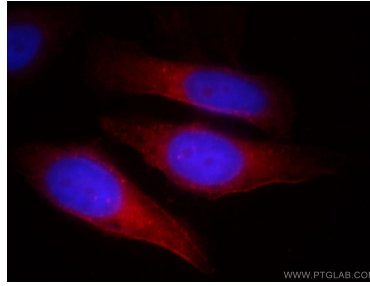
E: proteintech@ptglab.com
W: ptglab.com

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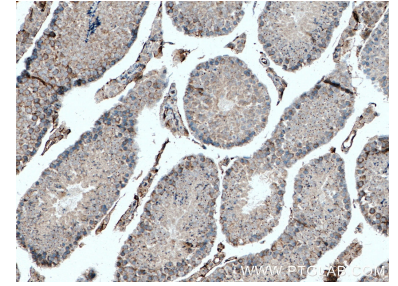
Selected Validation Data



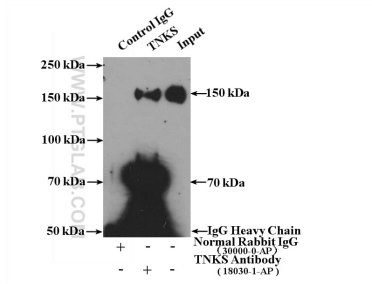
HeLa cells were subjected to SDS PAGE followed by western blot with 18030-1-AP (TNKS antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



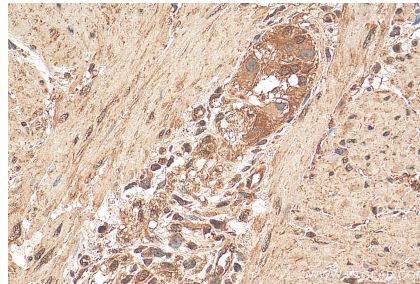
Immunofluorescent analysis of HepG2 cells, using TNKS antibody 18030-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 18030-1-AP (TNKS antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-TNKS (IP:18030-1-AP, 4ug; Detection:18030-1-AP 1:500) with Jurkat cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 18030-1-AP (TNKS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).